

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/521,380
Filing Date	January 6, 2006
First Named Inventor	Thomas James MCARTHUR
Art Unit	1655
Examiner Name	Patricia A. Leith

Sheet

1

of

3

Attorney Docket Number

90885U

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
1.	US-3,274,072	09-20-1966	N/A		
2.	US-4,105,783	08-08-1978	Yu, et al.		
3.	US-4,459,285	07-10-1984	Grollier, et al.		
4.	US-4,505,902	03-19-1985	Millard		
5.	US-4,950,493	08-21-1990	Kobes, et al.		
6.	US-5,436,022	07-25-1995	Chiang, et al.		
7.	US-5,500,241	03-19-1996	Balasingham, et al.		
8.	US-5,529,769	06-25-1996	Cho, et al.		
9.	US-5,547,988	08-20-1996	Yu, et al.		
10.	US-5,578,312	11-26-1996	Parrinello		
11.	US-5,609,875	03-11-1997	Hadas		
12.	US-5,665,413	09-09-1997	Rossiter		
13.	US-5,705,166	01-06-1998	Arve		
14.	US-5,708,038	01-13-1998	Davis		
15.	US-5,804,168	09-08-1998	Murad		
16.	US-5,811,101	09-22-1998	Waltman		
17.	US-5,879,665	03-09-1999	Fuller		
18.	US-5,882,666	03-16-1999	Averill, et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
1.	DE 198 53 998 A1		05-18-2000	Offen, Rolf-Dieter		X
2.	EP 0 923 937 A2		06-23-1999	Council of Scientific and Industrial Research		
3.	GB 2 232 587 A		12-19-1990	Woodrow R. Williams		
4.	GB 2 341 317 A		03-15-2000	Brian Terence Biddle		
5.	WO 01/95873 A1		12-20-2001	Uspenskaya, Svetlana Igorevna		X

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PL/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/521,380
Filing Date	January 6, 2006
First Named Inventor	Thomas James MCARTHUR
Art Unit	1655
Examiner Name	Patricia A. Leith

Sheet

2

of

3

Attorney Docket Number

90885U

**U.S.PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	19.	US-5,922,374	07-13-1999	Daury, et al.	
	20.	US-5,939,457	08-17-1999	Miser	
	21.	US-5,972,344	10-26-1999	Edwards	
	22.	US-5,989,559	11-23-1999	Edwards	
	23.	US-5,993,876	11-30-1999	Bertocchi	
	24.	US-6,013,260	01-11-2000	Edwards	
	25.	US-6,042,841	03-28-2000	Alaluf, et al.	
	26.	US-6,063,382	05-16-2000	Nakajima, et al.	
	27.	US-6,096,295	08-01-2000	Fuller	
	28.	US-6,147,054	11-14-2000	De Paoli Ambrosi	
	29.	US-6,190,664	02-20-2001	Dampeirou	
	30.	US-6,261,603	07-17-2001	McElwain	
	31.	US-6,309,675	10-30-2001	Sobczak	
	32.	US-6,361,804	03-26-2002	Singh-Verma	
	33.	US-6,368,654	04-09-2002	Evans, et al.	
	34.	US-6,379,716	04-30-2002	Santhanam, et al.	
	35.	US-6,383,495	05-07-2002	Ramakrishna, et al.	
	36.	US-6,416,769	07-09-2002	Vromen	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	6.	WO 01/85182 A2	11-15-2001	Ferrosan A/S		
	7.	WO 89/10750 A1	11-16-1989	John A. Busciglio		
	8.	WO 00/64472 A1	11-02-2000	Howard Murad		
	9.	WO 97/02807 A1	01-30-1997	Christian Dampeirou		X
	10.	WO 97/34568 A2	09-25-1997	Said Moady		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by



PTO/SB/08A (01-09)  
Approved for use through 02/28/2009. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/521,380
Filing Date	January 6, 2006
First Named Inventor	Thomas James MCARTHUR
Art Unit	1655
Examiner Name	Patricia A. Leith

Sheet **3** of **3** Attorney Docket Number **90885U**

### U.S.PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
37.	US-6,423,747	07-23-2002	Lanzendorfer, et al.		
38.	US-6,426,081	07-30-2002	Chong		
39.	US-6,445,076	09-03-2002	Shimizu, et al.		
40.	US-6,447,820	09-10-2002	Niazi		
41.	US-6,455,057	09-24-2002	Barrett, et al.		
42.	US-6,630,163	10-07-2003	Murad		
43.	US-6,730,333	05-04-2004	Garrity, et al.		
44.	US-20020034553 A1	03-21-2002	Zayas		
45.	US-20040022818 A1	02-05-2004	Cho, et al.		
46.	US-20050031573 A1	02-10-2005	Cho, et al.		
47.	US-20050053564 A1	03-10-2005	Lieberman		
48.	US-20050249720 A1	11-10-2005	Perez		
49.	US-20050048145 A1	03-03-2005	Azik		
50.	US-6,800,292 B1	10-05-2004	Murad		
51.	US-1,997,616	04-1935	Wallerstein, et al.		
52.	US-5,560,953	10-01-1996	Greenwell et al.		

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
11.	CN 1090767 A		08-17-1994	UNIV WUHAN		X
12.	GB 732,983		07-06-1955	Williams Evans & Co.		

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Institute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

3

Complete if Known	
Application Number	10/521,380
Filing Date	January 6, 2006
First Named Inventor	Thomas James MCARTHUR
Art Unit	1655
Examiner Name	Patricia A. Leith
Attorney Docket Number	90885U

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	EDWARDS-JONES, Valerie et al., "What's new in burn microbiology? James Laing Memorial Prize Essay 2000", Burns, 2003, pp. 15-24, Vol. 29., Elsevier Science Ltd and ISBI.	
	2.	HEWITT, H. et al., "Topical use of papaya in chronic skin ulcer therapy in Jamaica", West Indian Med J., 2000, pp. 32-33, Vol. 49, No. 1.	
	3.	HEWITT, Hermi et al., "The Use of Papaya on Pressure Ulcers: A natural alternative", AJN, December 2002, pp. 73-77, Vol. 102, No. 12.	
	4.	RODRIGUES, LH, et al., "Comparative study of the effects of cosmetic formulations with or without hydroxy acids on hairless mouse epidermis by histopathologic, morphometric, and stereologic evaluation", J Cosmet Sci., Sept-Oct 2002, pp. 269-282, Vol. 53, No. 5.	
	5.	"Cosmetic Ingredients", DERMAdoctor, November 2002, pp. 1-9, <a href="http://www.dermadoctor.com/pages/newsletter108.asp">http://www.dermadoctor.com/pages/newsletter108.asp</a> .	
	6.	"Skin Therapy Letter", May 1998, pp. 1-5, Vol. 3, No. 5, <a href="http://www.derm.ubc.ca/skintherapy/stl0305.html">http://www.derm.ubc.ca/skintherapy/stl0305.html</a> .	
	7.	"Squamous and Basal Cell Carcinoma Treatment Strategies Part I", Topicalinfo: The Skin Cancer Treatment Toolbox, August 2002, pp. 1-13, <a href="http://www.topicalinfo.org/Treatment.htm">http://www.topicalinfo.org/Treatment.htm</a> .	
	8.	"PASSION FRUIT JAM SMALL-SCALE PRODUCTION", Intermediate Technology Development Group, January 2004.	
	9.	"HEALTHPOINT-ACCUZYME Ointment", 2006, Healthpoint, Ltd.	
	10.	MAYBHATE, C., "Skin Care for Acne-Prone Skin", Ayurveda Holistic Community, October 2005, pp. 1-5, Women's Health, Beauty Care, <a href="http://www.ayurvedahc.com/articlelive/articles/171/1/Skin-Care-for-Acne-prone-Skin">http://www.ayurvedahc.com/articlelive/articles/171/1/Skin-Care-for-Acne-prone-Skin</a> .	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

3

Complete if Known	
Application Number	10/521,380
Filing Date	January 6, 2006
First Named Inventor	Thomas James MCARTHUR
Art Unit	1655
Examiner Name	Patricia A. Leith
Attorney Docket Number	90885U

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	11.	LUCAS, T.P., "PAPAW OINTMENT made from the fruit of THE PAPAW: Treatment from Nature The Papaw Tree", pp. 1-4, <a href="http://www.lucaspapaw.com.au/">http://www.lucaspapaw.com.au/</a> .	
	12.	WERNER, David, "Home Remedies", Alternate medicine, pp. 1-9, <a href="http://www.healthrights.org/articles/home_remedies.htm">http://www.healthrights.org/articles/home_remedies.htm</a> .	
	13.	"Potato", Potato-Herb Profile and Information, pp. 1-3, <a href="http://www.viablehealth.com/botanical/mgmh/p/potato65.html">http://www.viablehealth.com/botanical/mgmh/p/potato65.html</a> .	
	14.	KESWANI, MH et al., "Histological and bacteriological studies of burn wounds treated with boiled potato peel dressings", Burns, 1990, pp. 137-143, Vol. 16, No. 2.	
	15.	WIMALAWANSA SJ, "Papaya in the treatment of chronic infected ulcers", Ceylon Medical Journal, 1981, pp. 129-132, Vol. 26, No. 3.	
	16.	BLACKSTONE, R., "A gift to avoid the Yule budget jam", The Province, Vancouver, B.C. November 17, 1993, pg B. 8, pp.1-2 ProQuest.	
	17.	BURCKHARDT, A., "Quick Pickles and Jams: Some up-to-date ideas on how to preserve a bit of the past", Minneapolis Star and Tribune, Minneapolis, Minn; July 16, 1986, pg. 03. T, pp. 1-6, ProQuest.	
	18.	SCHMIDT, L., "Way down yonder in the pawpaw patch", Intelligencer Journal, Lancaster, Pa. October 2, 1996, pg. C. 1, pp. 1-3 ProQuest.	
	19.	LAYNE, D.R., "Pawpaw", Purdue University Center for New Crops & Plant Products, 1995, pp. 1-5, <a href="http://www.hort.purdue.edu/newcrop/CropFactSheets/pawpaw.html">http://www.hort.purdue.edu/newcrop/CropFactSheets/pawpaw.html</a> .	
	20.	Curry & Chilli Cookbook, "Prawn, Pawpaw and Chilli Salad", Bay Books, an imprint of Murdoch Books Pty Limited., Millers Point NSW 2000, Australia, 2008, pgs. 75, 112.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PL/

Copyright 2008 Forms in Word ([www.forms-in-word.com](http://www.forms-in-word.com))

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449B/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				Application Number	10/521,380
				Filing Date	January 6, 2006
				First Named Inventor	Thomas James MCARTHUR
				Art Unit	1655
				Examiner Name	Patricia A. Leith
Sheet	3	of	3	Attorney Docket Number	90885U

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	/Patricia Leith/	Date Considered	07/06/2010
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PL/  
Copyright 2003 FormsInWord ([www.formsinword.com](http://www.formsinword.com))